Overview:
Community Emission Inventory
CARB Mobile and Area Source Emissions

South Central Fresno
AB 617 Community Steering Committee Meeting
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Air Quality Planning and Science Division
California Air Resources Board
Air District & CARB Staff Collaboration

Stationary Sources:
Power Plants, Refineries, Industry

Area Sources:
Residential Wood Combustion, Consumer Products, Pesticides

On-road Mobile Sources:
Cars, Trucks

Off-road Mobile Sources:
Forklifts, Tractors, Transport Refrigeration Units

District
CARB/District
CARB
CARB

April - May, 2019
Inventory Development - What are we doing

https://ww2.arb.ca.gov/resources/documents/emissions-inventory-enhancements
Allocate vehicle miles traveled (VMT) to all roads in community

Apply emission factors to VMT to calculate emissions on roads
Off-Road Mobile Sources

- **Facility Sources:** (e.g., forklifts, cargo handling equipment, locomotives)
  - Specific location of operation and facility level data

- **Non-facility Sources:** (e.g., construction/ ag equipment, portable engines)
  - No specific location of operation or facility level data

Existing activity data from reporting requirements, voluntary reporting, surveys, or purchased data sources

Emissions will be put at known locations, when possible
Area Sources

Sources that can be moved to actual emission location:
Small emission sources spread over an area, but with specific locations (e.g., gas stations, dry cleaner, auto body shops, print shops)

Sources that operate and emit over large areas:
Emission sources that lack specific location detail (e.g., consumer products, road dust, architectural coating)

Move sources to their actual emission location, when possible
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